

## EAST SEARCH SUMMARY

Hits	Search Text	DBs	Date
1	("10228497").PN.	JPO	4/24/02 10:35
0	(""9260498"").PN.	JPO	4/24/02 10:47
1	("10124565").PN.	JPO	4/24/02 10:53
1	("11154168").PN.	JPO	4/24/02 11:16
3533	hot adj carrier (hot adj carrier ) and (effect degradation reliability)	USPAT; US-PGPUB	4/24/02 14:33
3293	((hot adj carrier ) and (effect degradation reliability)) and delay	USPAT; US-PGPUB	4/24/02 14:43
511	((((hot adj carrier ) and (effect degradation reliability)) and delay) and input and output	USPAT; US-PGPUB	4/24/02 14:44
338	(hot adj carrier ) and (effect degradation reliability) deterioration)	USPAT; US-PGPUB	4/24/02 14:44
3316	((hot adj carrier ) and (effect degradation reliability deterioration)) and delay	USPAT; US-PGPUB	4/24/02 14:44
513	((((hot adj carrier ) and (effect degradation reliability deterioration)) and delay) and input and output	USPAT; US-PGPUB	4/24/02 14:44
340	(((((hot adj carrier ) and (effect degradation reliability deterioration)) and delay) and input and output) and @ad<=19980707	USPAT; US-PGPUB	4/24/02 14:47
249	(((((hot adj carrier ) and (effect degradation reliability deterioration)) and delay) and input and output) and @ad<=19980707) and (age aged)	USPAT; US-PGPUB	4/24/02 14:51
17		USPAT; US-PGPUB	4/24/02 14:51

**EAST Search: (hot adj carrier ) and (effect degradation reliability deterioration) and delay and input and output and @ad<=19980707 and (age aged)**

Document ID	Issue Day	Pages	Title	Current OR	Current Xref	Inventor
US 6278964 B1	20010821	33	Hot carrier effect simulation for integrated circuits Test system and methodology to improve stacked NAND gate	703/19	703/14; 714/25; 714/47	Fang, Jingkun et al.
US 6216099 B1	20010410	10	based critical path performance and reliability	703/15	257/344; 326/121;	
US 6047247 A	20000404	22	Method of estimating degradation with consideration of hot carrier effects	703/15	438/327; 716/1; 716/4	Fang, Peng et al.
US 5974247 A	19991026	31	Apparatus and method of LSI timing degradation simulation	702/117	324/769; 714/24; 714/37;	Iwanishi, Nobufusa et al.
				714/55		Yonezawa, Hirokazu
US 5964884 A	19991012	20	Self-timed pulse control circuit Semiconductor optical waveguide device, optical control type	703/19	703/20; 716/6	
US 5754714 A	19980519	41	optical switch, and wavelength conversion device	713/503	711/167; 713/400; 713/401; 713/500; 713/501; 713/502	Partovi, Hamid et al.
US 5376839 A	19941227	80	Large scale integrated circuit having low internal operating voltage	385/5	385/131; 385/16	Suzuki, Nobuo et al.
US 5254880 A	19931019	78	Large scale integrated circuit having low internal operating voltage	327/541	323/313; 323/315;	
US 5179539 A	19930112	81	Large scale integrated circuit having low internal operating voltage	327/530	323/316; 327/108;	Horiguchi, Masashi et al.
				365/226	327/530	
				327/537	327/100; 327/141;	
US 4994688 A	19910219	81	Semiconductor device having a reference voltage generating circuit	327/541	327/535; 327/537	Horiguchi, Masashi et al.
US 4488554 A	19841218	28	Externally-inhibited tachycardia control pacer	607/14	323/314; 323/315;	Nappholz, Tibor A. et al.
US 4488553 A	19841218	28	Externally controlled tachycardia control pacer	607/14	323/907; 327/331;	Nappholz, Tibor A. et al.
US 4407289 A	19831004	29	Externally-reset tachycardia control pacer	607/14	327/513; 327/581	Nappholz, Tibor A. et al.
US 4406287 A	19830927	25	Variable length scanning burst tachycardia control pacer	607/15		Nappholz, Tibor A. et al.
US 4398536 A	19830816	24	Scanning burst tachycardia control pacer	607/15		Nappholz, Tibor A. et al.
US 4390021 A	19830628	32	Two pulse tachycardia control pacer	607/14		Spurrell, Roworth A. J. et al.
			Microwave signal source stabilized by automatic frequency and	331/9		
US 3882413 A	19750506	12	phase control loops	331/9	331/12; 331/25	Healey, III, Daniel J.